

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121522\  
 Data File : VN075815.D  
 Acq On : 15 Dec 2022 14:11  
 Operator : JC\MD  
 Sample : N5990-12DL 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP120822DL

Quant Time: Dec 16 03:09:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 374622     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 587866     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 513772     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 234261     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 187983     | 46.125    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 92.240%   |        |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 173130     | 47.556    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 95.120%   |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 672888     | 49.435    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 98.860%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 226495     | 50.239    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 100.480%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 11) Tert butyl alcohol        | 5.518          | 59   | 1210       | 2.098     | ug/l # | 72       |
| 16) Acetone                   | 4.448          | 43   | 963        | 0.685     | ug/l # | 39       |
| 18) Methyl Acetate            | 5.300          | 43   | 5022       | 1.209     | ug/l # | 45       |
| 19) Methyl tert-butyl Ether   | 5.812          | 73   | 3811       | 0.349     | ug/l # | 1        |
| 20) Methylene Chloride        | 5.283          | 84   | 1769       | Below Cal | #      | 86       |
| 31) Cyclohexane               | 8.253          | 56   | 21075      | 3.611     | ug/l # | 75       |
| 36) 1,1-Dichloropropene       | 8.236          | 75   | 26996      | 5.582     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 36728      | 6.785     | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.600          | 83   | 15681      | 2.688     | ug/l   | 95       |
| 40) Benzene                   | 8.612          | 78   | 38263      | 2.564     | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.600          | 41   | 6141       | 2.128     | ug/l   | 87       |
| 52) Toluene                   | 10.629         | 92   | 5858       | 0.603     | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.006         | 97   | 1887       | 0.495     | ug/l # | 16       |
| 59) 2-Hexanone                | 11.212         | 43   | 584        | 0.207     | ug/l # | 20       |
| 67) Ethyl Benzene             | 11.965         | 91   | 1853534    | 104.146   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076         | 106  | 653882     | 92.826    | ug/l   | 100      |
| 69) o-Xylene                  | 12.400         | 106  | 317643     | 45.566    | ug/l   | 98       |
| 70) Styrene                   | 12.400         | 104  | 15986      | 1.442     | ug/l # | 1        |
| 71) Bromoform                 | 12.853         | 173  | 1693       | 0.596     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.700         | 105  | 104115     | 6.150     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 115767     | 24.516    | ug/l # | 1        |
| 78) n-propylbenzene           | 13.041         | 91   | 321785     | 17.234    | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.135         | 91   | 36787      | 3.156     | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 13.176         | 105  | 263516     | 18.599    | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 115767     | 88.245    | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 13.135         | 91   | 36787      | 3.156     | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.488         | 119  | 166824     | 13.354    | ug/l # | 63       |
| 84) 1,2,4-Trimethylbenzene    | 13.482         | 105  | 1359051    | 96.690    | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.482         | 105  | 1359051    | 78.822    | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 7269       | 0.507     | ug/l # | 76       |
| 89) n-Butylbenzene            | 14.059         | 91   | 12109      | 1.042     | ug/l # | 66       |
| 90) Hexachloroethane          | 14.335         | 117  | 14019      | 5.463     | ug/l # | 11       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694         | 75   | 859        | 0.925     | ug/l # | 1        |
| 95) Naphthalene               | 15.641         | 128  | 450296     | 35.959    | ug/l   | 100      |
| -----                         |                |      |            |           |        |          |

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Data File : VN075815.D  
Acq On : 15 Dec 2022 14:11  
Operator : JC\MD  
Sample : N5990-12DL 20X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

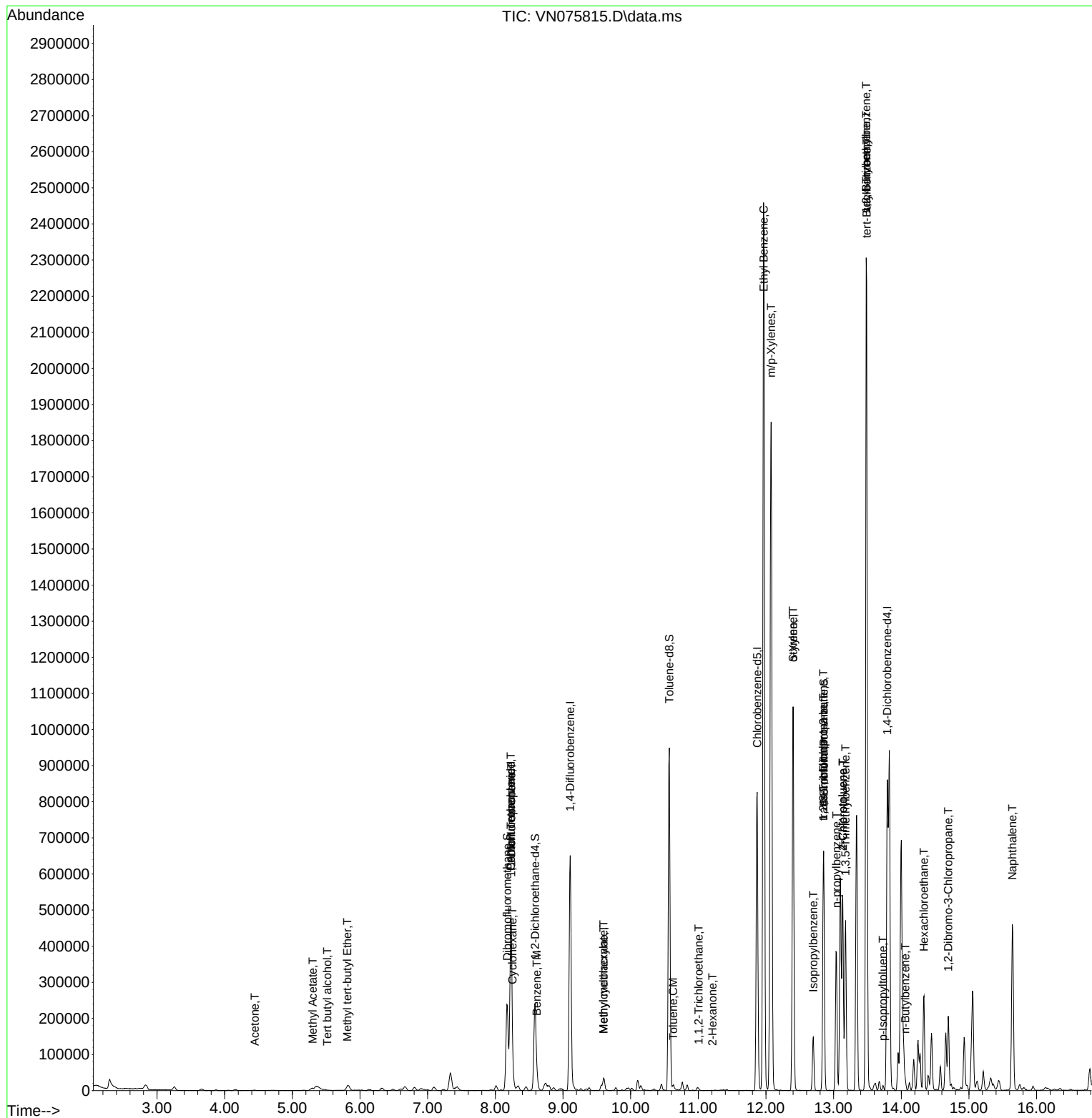
Quant Time: Dec 16 03:09:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

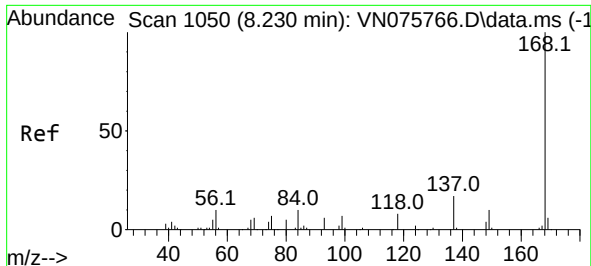
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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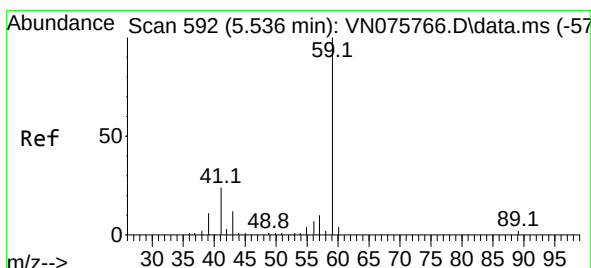
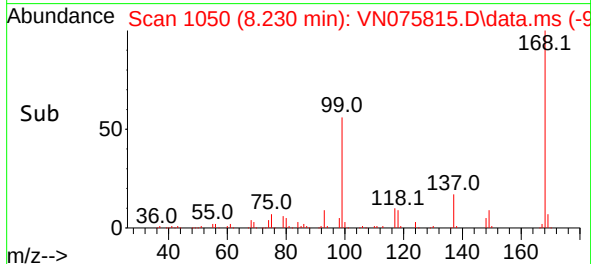
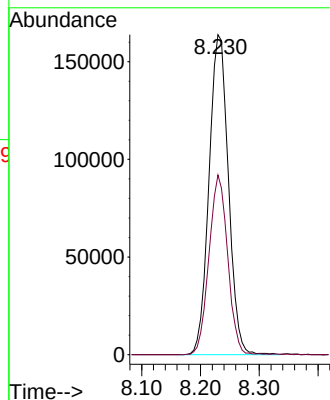
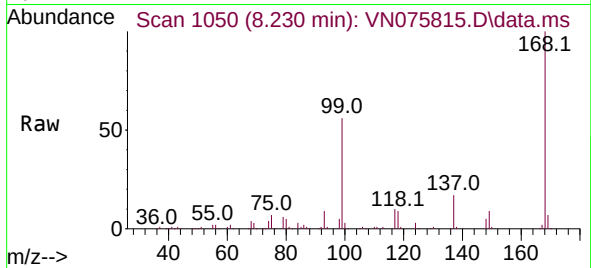




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

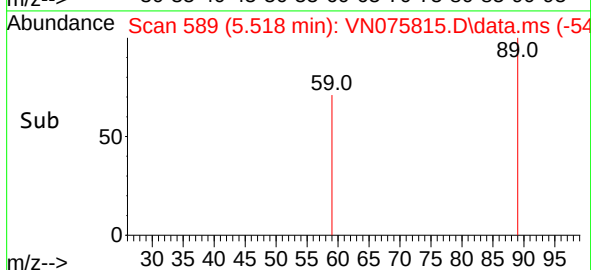
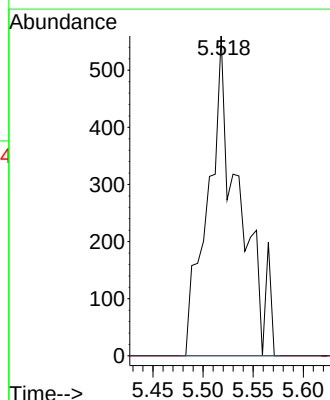
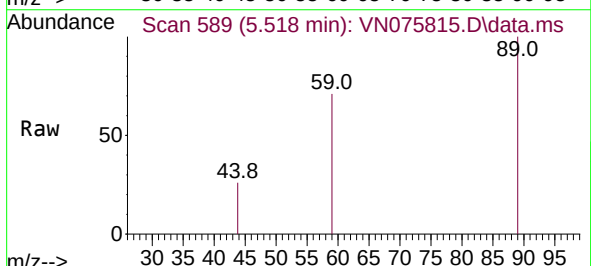
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

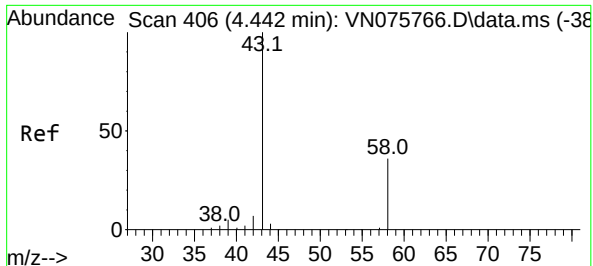
Tgt Ion:168 Resp: 374622  
Ion Ratio Lower Upper  
168 100  
99 56.2 44.2 66.4



#11  
Tert butyl alcohol  
Concen: 2.098 ug/l  
RT: 5.518 min Scan# 589  
Delta R.T. -0.018 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 59 Resp: 1210  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

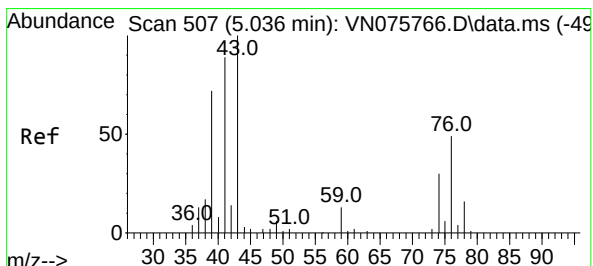
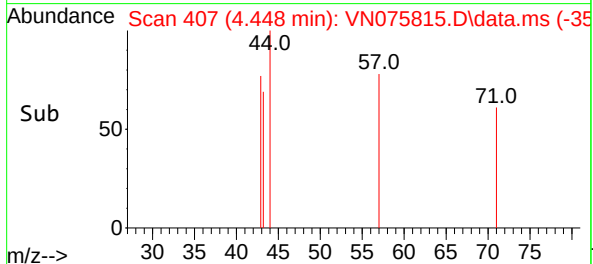
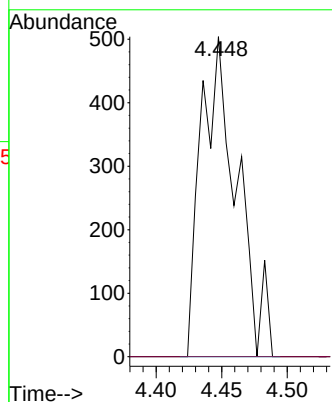
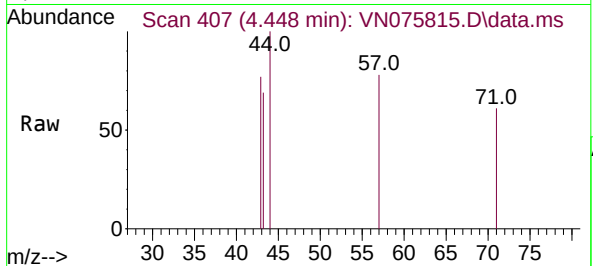




#16  
Acetone  
Concen: 0.685 ug/l  
RT: 4.448 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

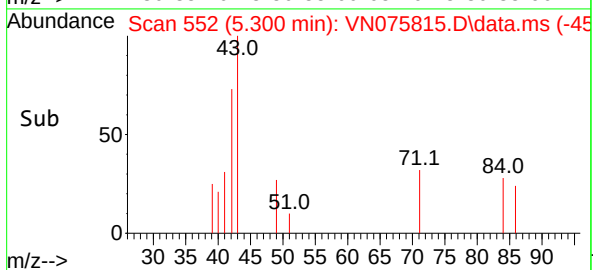
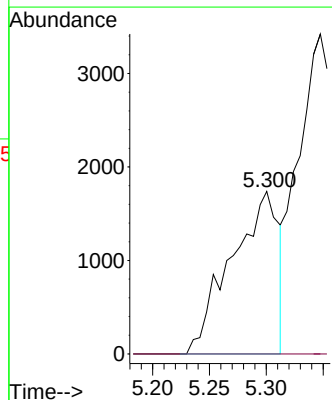
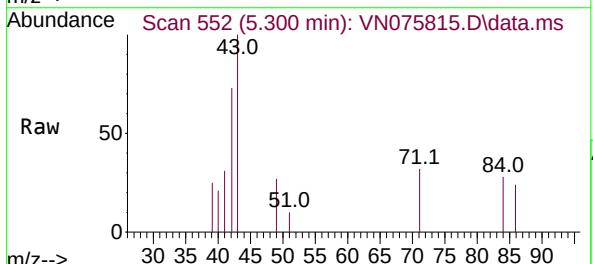
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

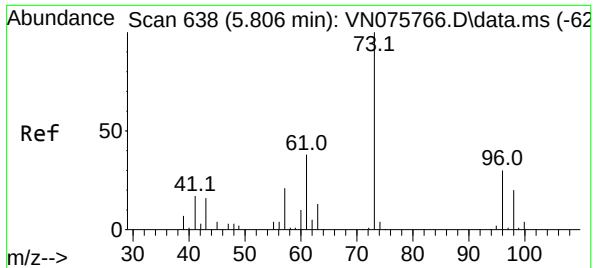
Tgt Ion: 43 Resp: 963  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.6 43.0#



#18  
Methyl Acetate  
Concen: 1.209 ug/l  
RT: 5.300 min Scan# 552  
Delta R.T. 0.265 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 43 Resp: 5022  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.6 35.4#

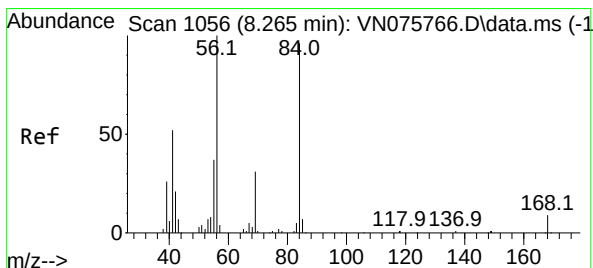
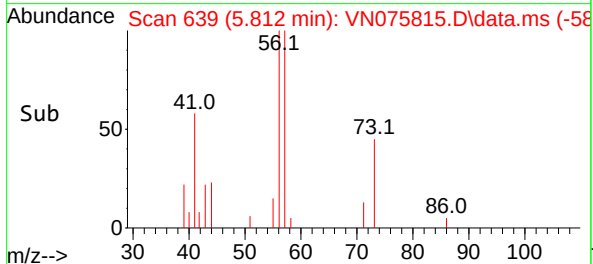
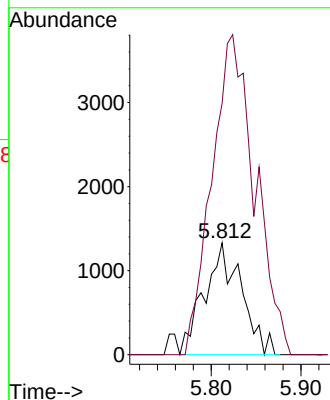
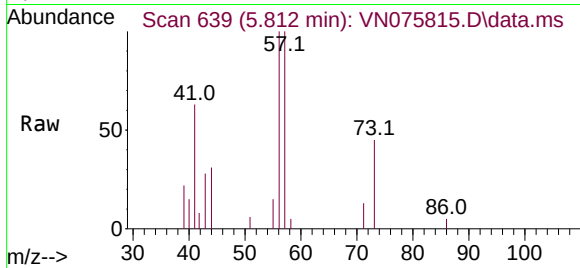




#19  
Methyl tert-butyl Ether  
Concen: 0.349 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

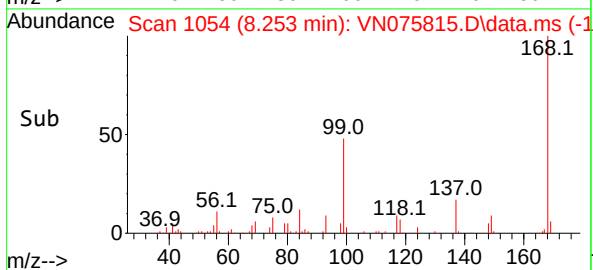
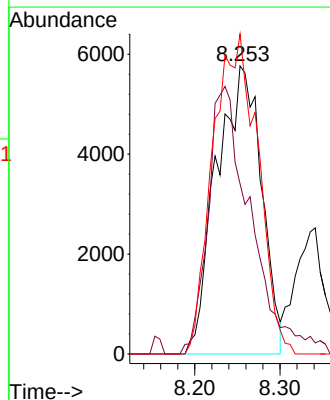
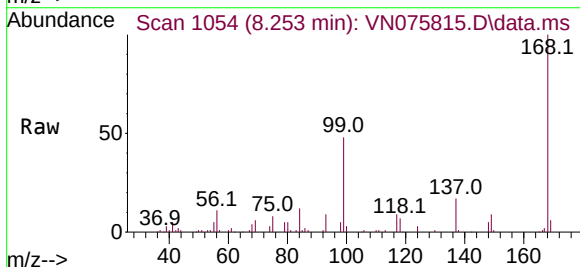
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

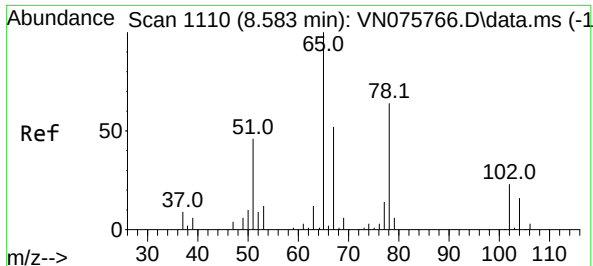
Tgt Ion: 73 Resp: 3811  
Ion Ratio Lower Upper  
73 100  
57 224.5 17.1 25.7#



#31  
Cyclohexane  
Concen: 3.611 ug/l  
RT: 8.253 min Scan# 1054  
Delta R.T. -0.012 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 56 Resp: 21075  
Ion Ratio Lower Upper  
56 100  
69 59.1 24.7 37.1#  
84 111.1 76.5 114.7





#33

1,2-Dichloroethane-d4

Concen: 46.125 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

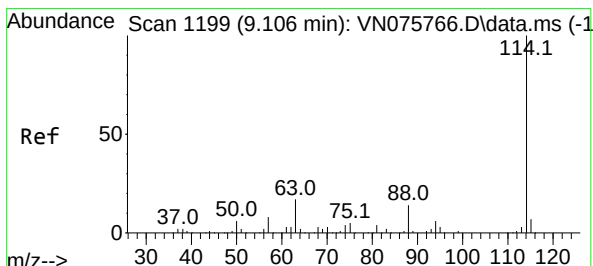
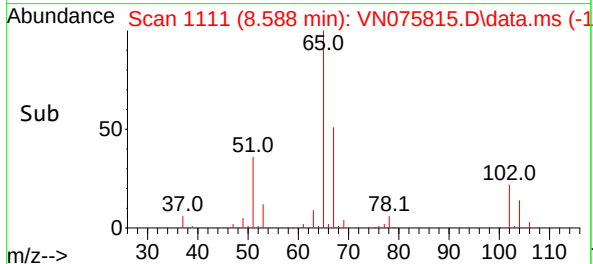
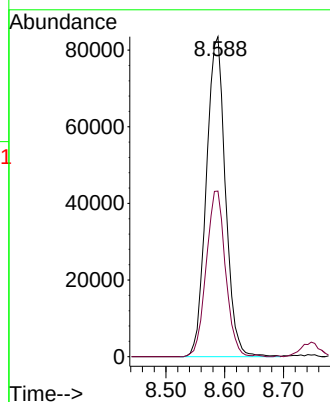
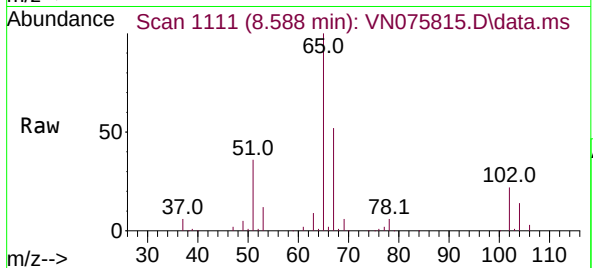
DUP120822DL

Tgt Ion: 65 Resp: 187983

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

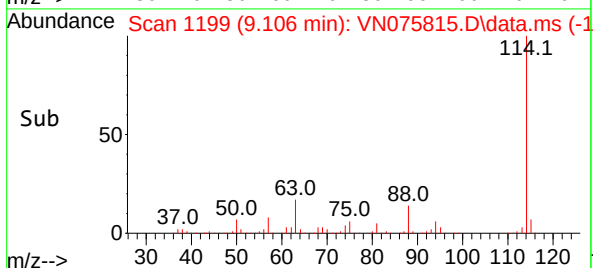
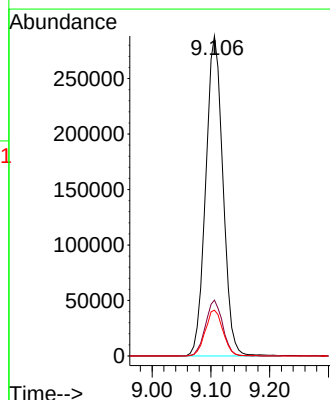
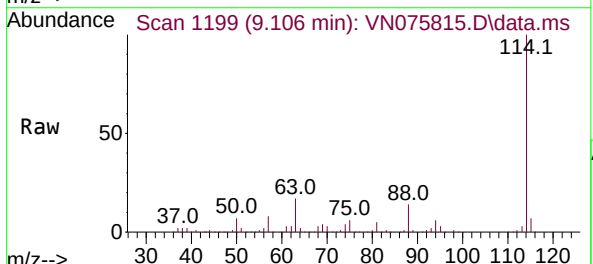
Tgt Ion: 114 Resp: 587866

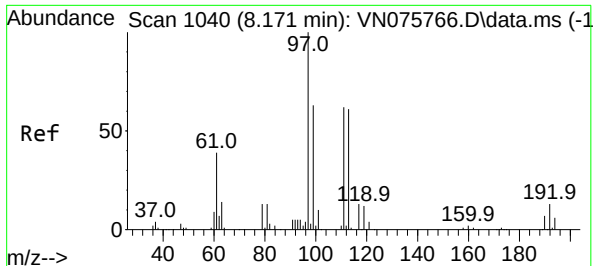
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.556 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

DUP120822DL

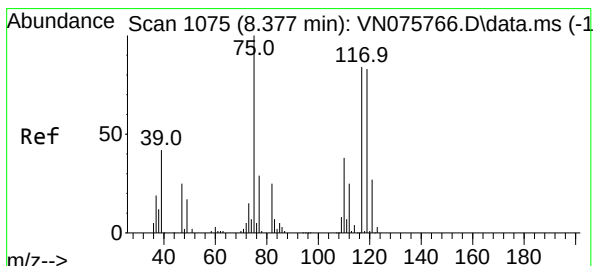
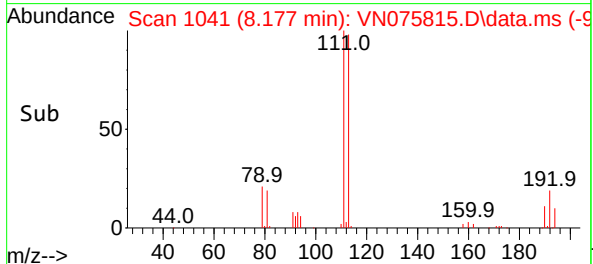
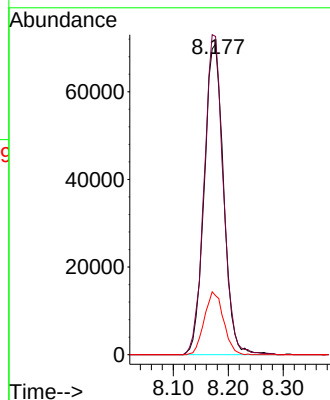
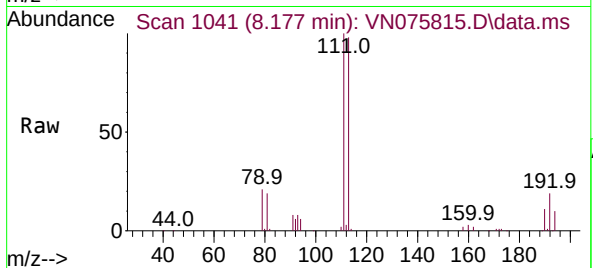
Tgt Ion:113 Resp: 173130

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.582 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

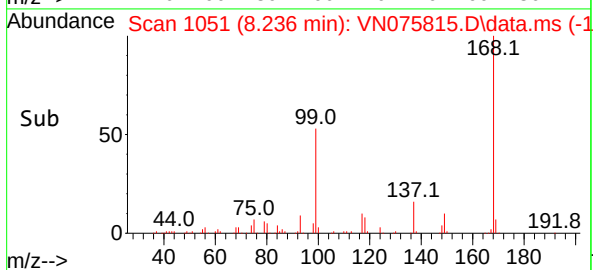
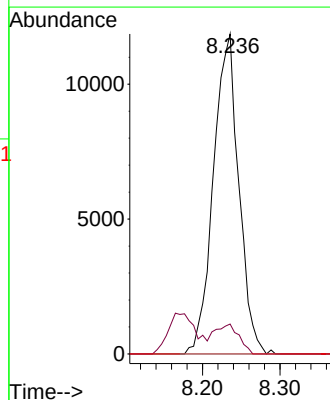
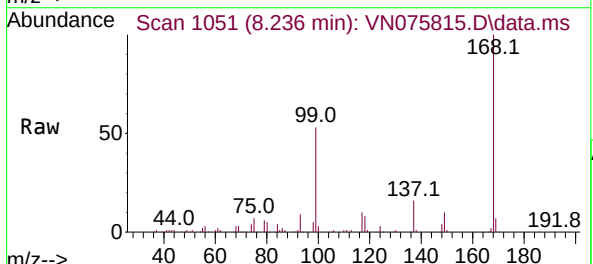
Tgt Ion: 75 Resp: 26996

Ion Ratio Lower Upper

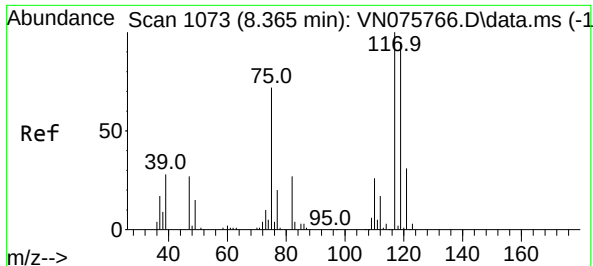
75 100

110 9.0 18.8 56.4#

77 0.0 24.1 36.1#



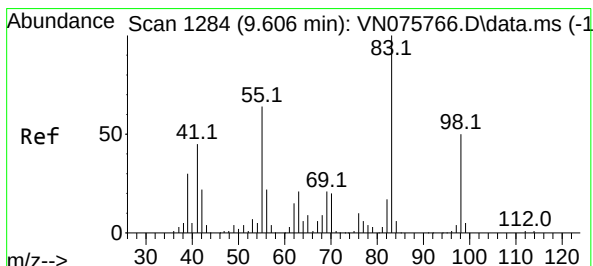
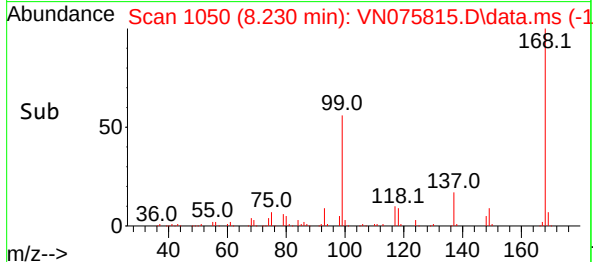
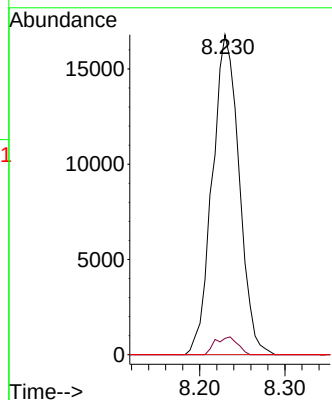
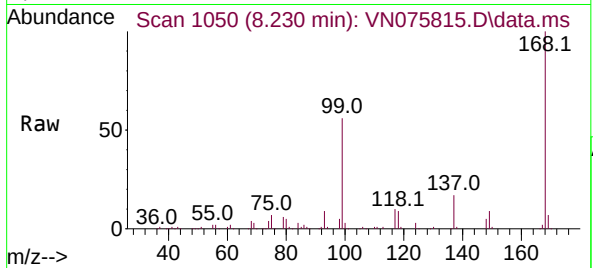




#38  
Carbon Tetrachloride  
Concen: 6.785 ug/l  
RT: 8.230 min Scan# 1073  
Delta R.T. -0.135 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

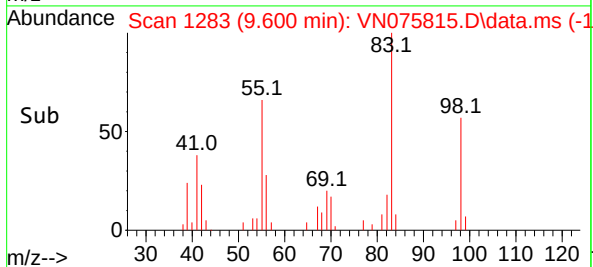
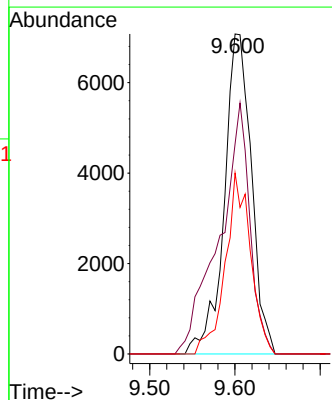
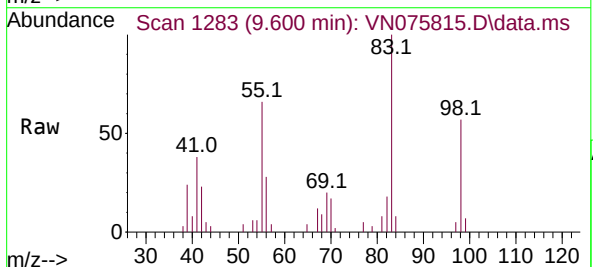
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

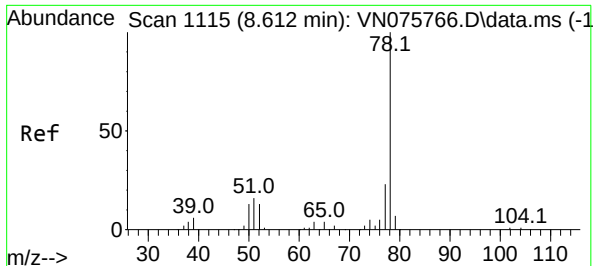
Tgt Ion:117 Resp: 36728  
Ion Ratio Lower Upper  
117 100  
119 5.1 76.1 114.1#  
121 0.0 24.5 36.7#



#39  
Methylcyclohexane  
Concen: 2.688 ug/l  
RT: 9.600 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 83 Resp: 15681  
Ion Ratio Lower Upper  
83 100  
55 65.6 51.4 77.0  
98 56.6 39.8 59.8

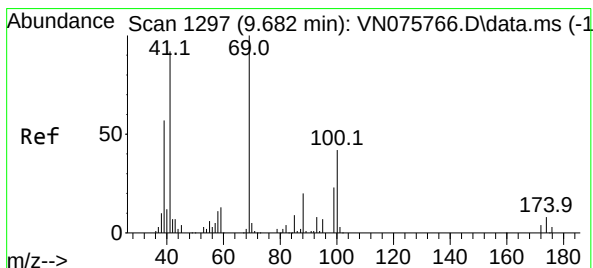
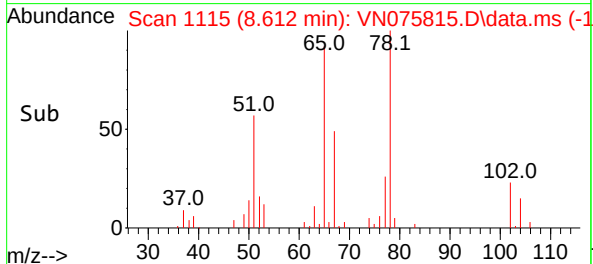
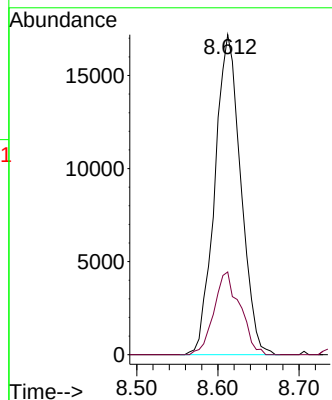
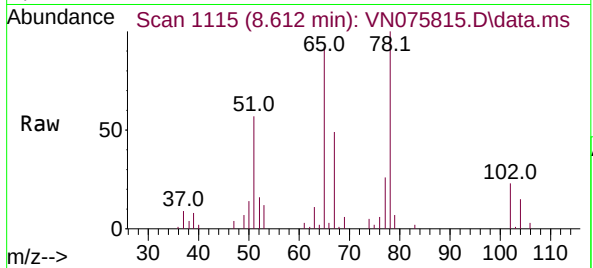




#40  
Benzene  
Concen: 2.564 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

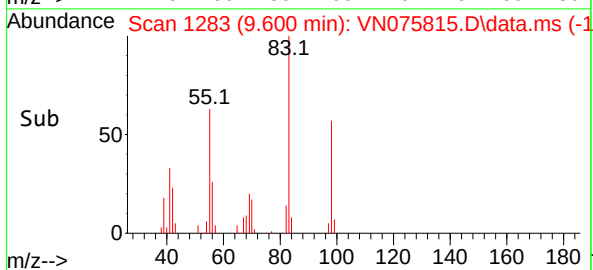
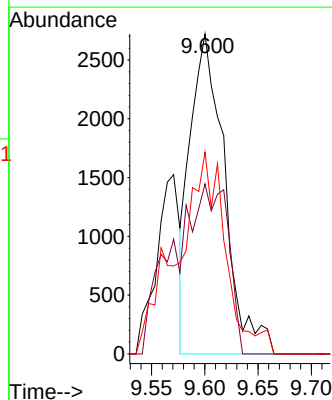
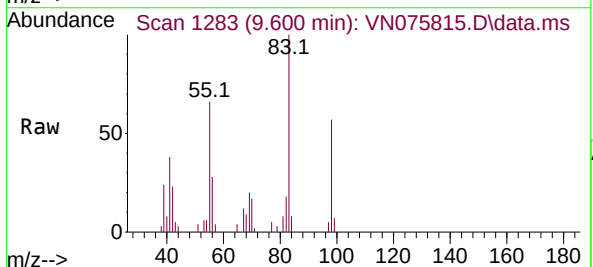
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

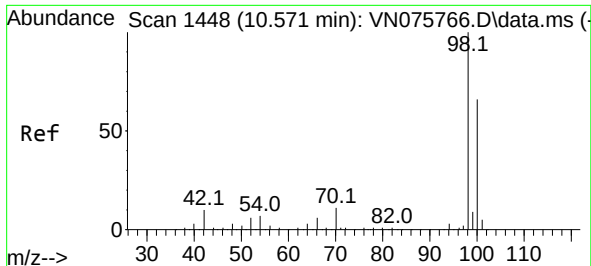
Tgt Ion: 78 Resp: 38263  
Ion Ratio Lower Upper  
78 100  
77 25.8 18.5 27.7



#48  
Methyl methacrylate  
Concen: 2.128 ug/l  
RT: 9.600 min Scan# 1283  
Delta R.T. -0.082 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 41 Resp: 6141  
Ion Ratio Lower Upper  
41 100  
69 84.6 81.9 122.9  
39 68.3 51.6 77.4

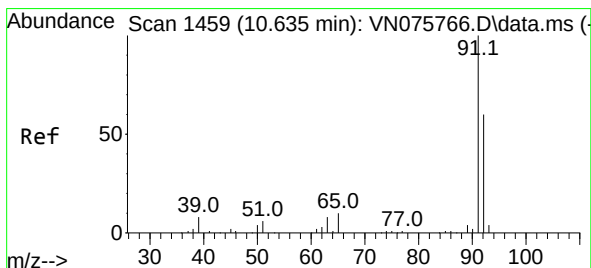
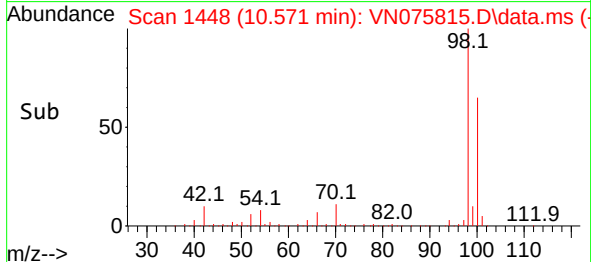
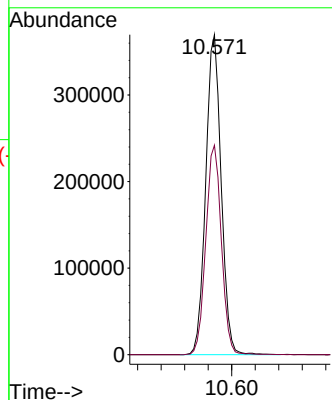
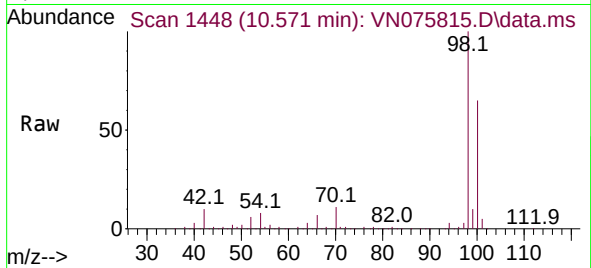




#50  
Toluene-d8  
Concen: 49.435 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

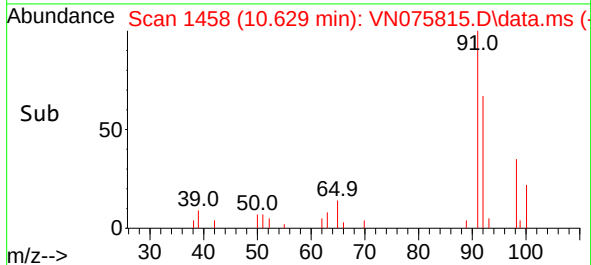
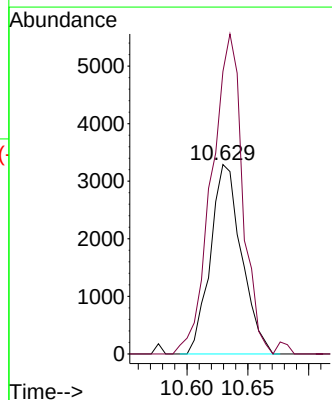
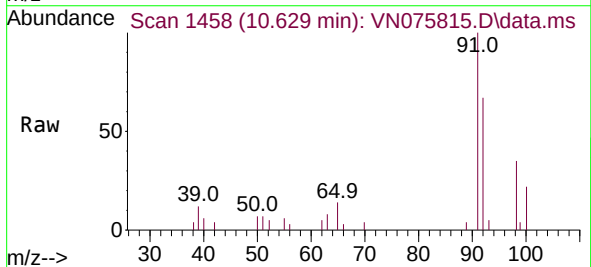
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

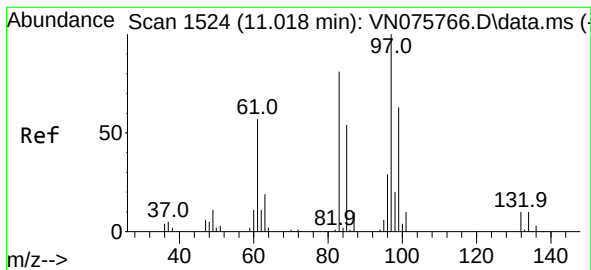
Tgt Ion: 98 Resp: 672888  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.1 78.1



#52  
Toluene  
Concen: 0.603 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 92 Resp: 5858  
Ion Ratio Lower Upper  
92 100  
91 168.6 137.3 205.9





#55

1,1,2-Trichloroethane

Concen: 0.495 ug/l

RT: 11.006 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN075815.D

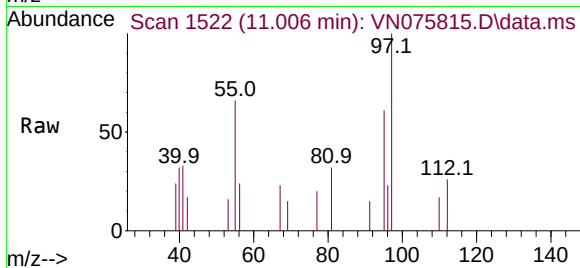
Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

DUP120822DL



Tgt Ion: 97 Resp: 1887

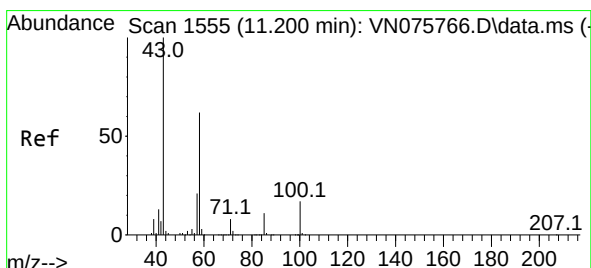
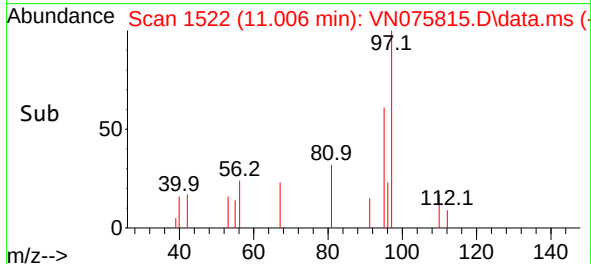
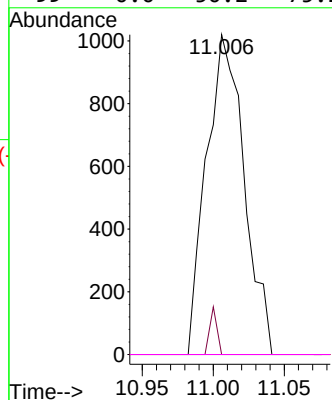
Ion Ratio Lower Upper

97 100

83 0.0 65.0 97.4#

85 0.0 43.0 64.6#

99 0.0 50.2 75.2#



#59

2-Hexanone

Concen: 0.207 ug/l

RT: 11.212 min Scan# 1557

Delta R.T. 0.012 min

Lab File: VN075815.D

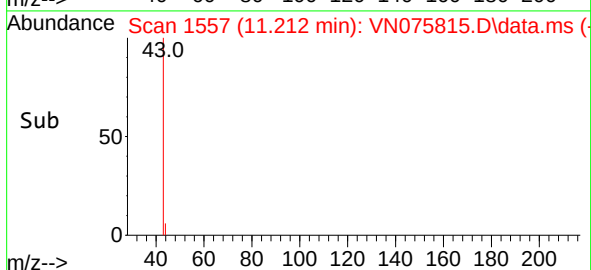
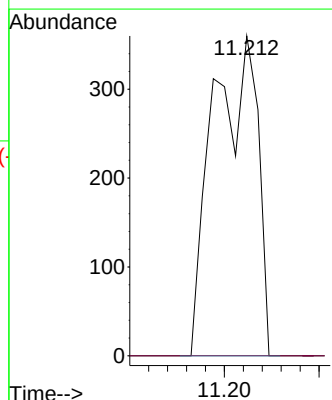
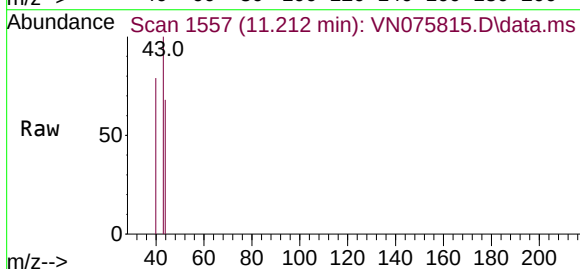
Acq: 15 Dec 2022 14:11

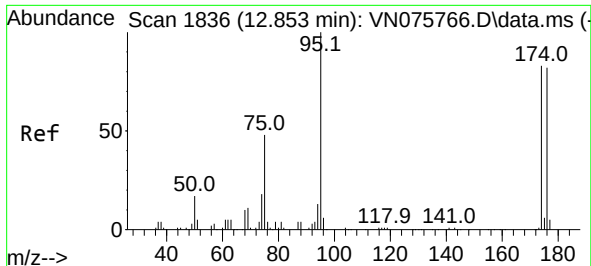
Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

43 100

58 0.0 30.6 92.0#

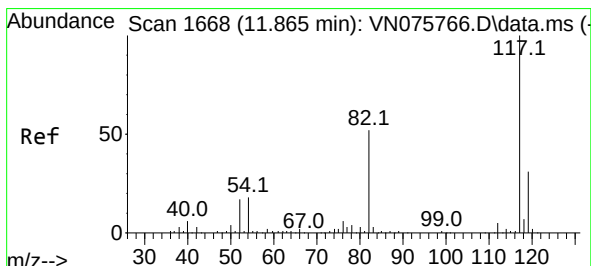
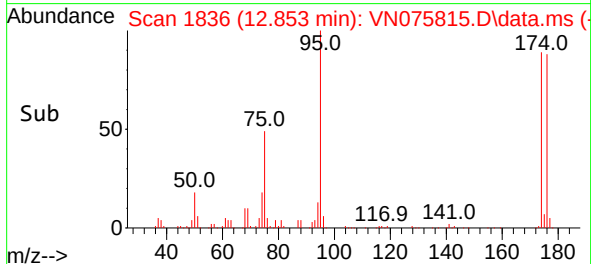
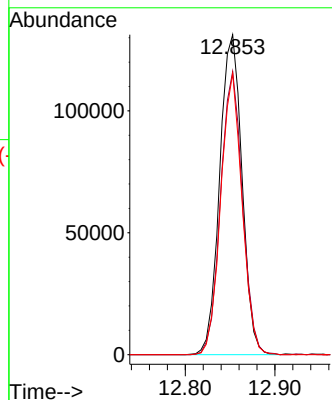
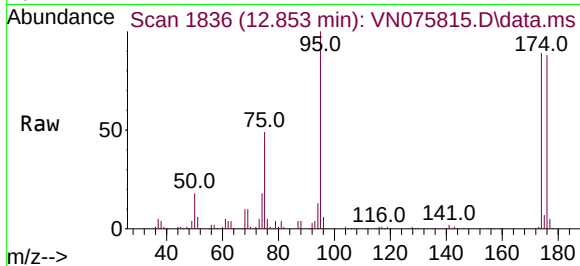




#62  
4-Bromofluorobenzene  
Concen: 50.239 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

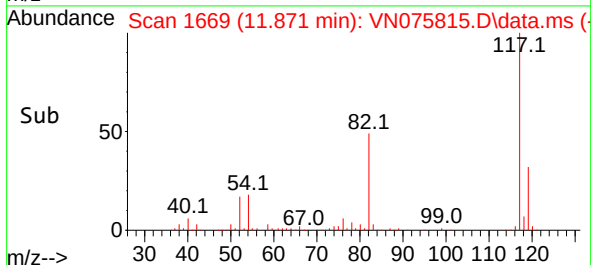
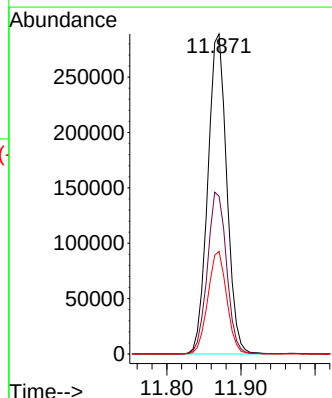
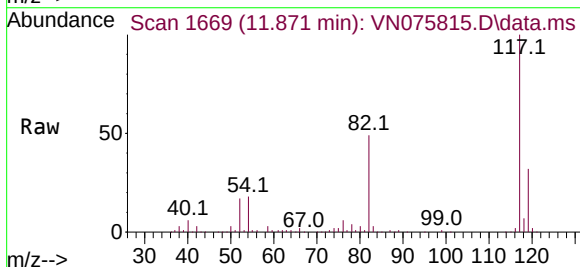
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

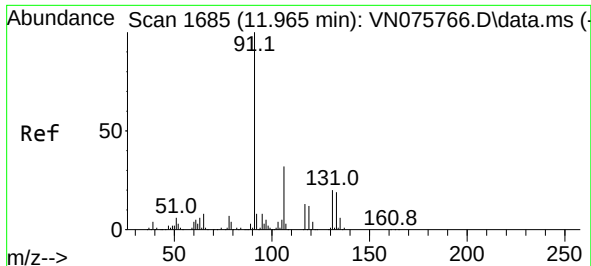
Tgt Ion: 95 Resp: 226495  
Ion Ratio Lower Upper  
95 100  
174 86.7 0.0 171.6  
176 83.8 0.0 169.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 117 Resp: 513772  
Ion Ratio Lower Upper  
117 100  
82 49.2 41.3 61.9  
119 32.1 24.6 37.0





#67

Ethyl Benzene

Concen: 104.146 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

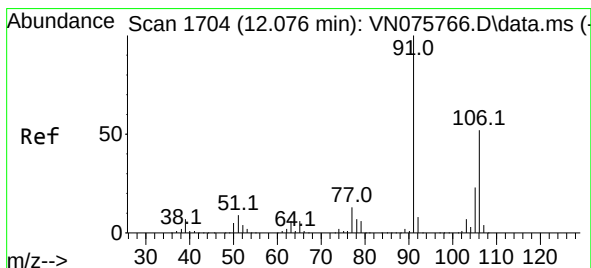
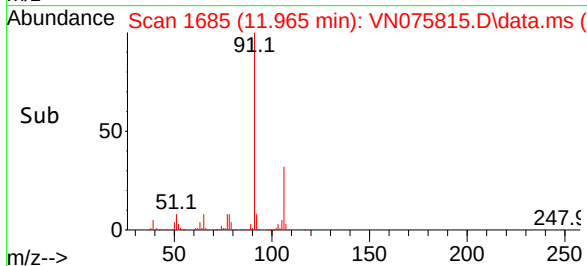
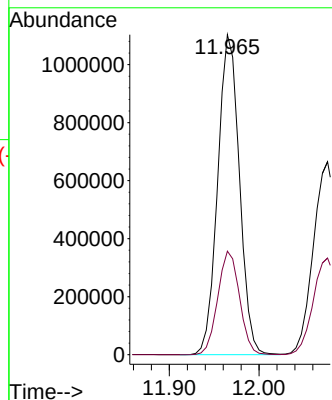
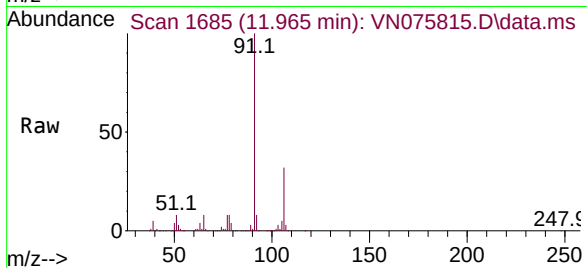
DUP120822DL

Tgt Ion: 91 Resp: 1853534

Ion Ratio Lower Upper

91 100

106 32.4 25.7 38.5



#68

m/p-Xylenes

Concen: 92.826 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VN075815.D

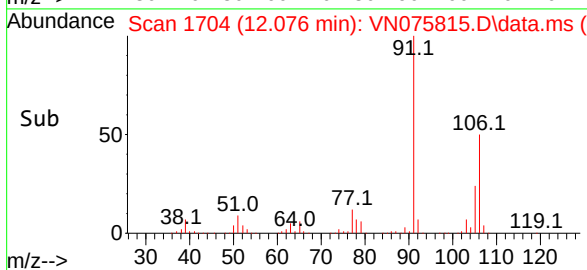
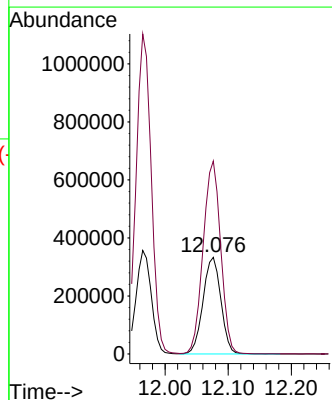
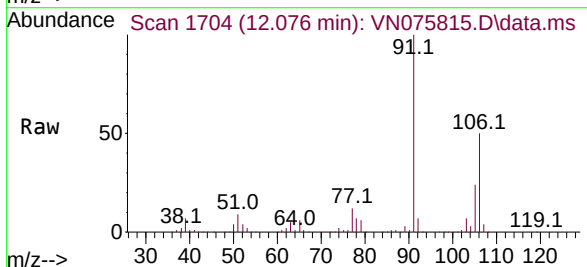
Acq: 15 Dec 2022 14:11

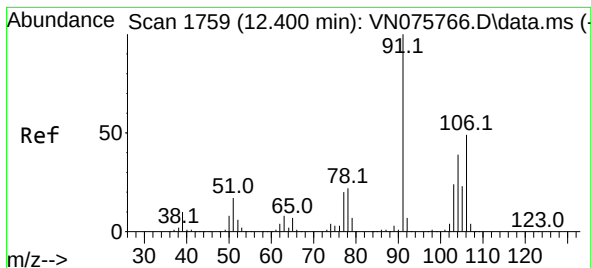
Tgt Ion:106 Resp: 653882

Ion Ratio Lower Upper

106 100

91 196.5 156.6 235.0





#69

o-Xylene

Concen: 45.566 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

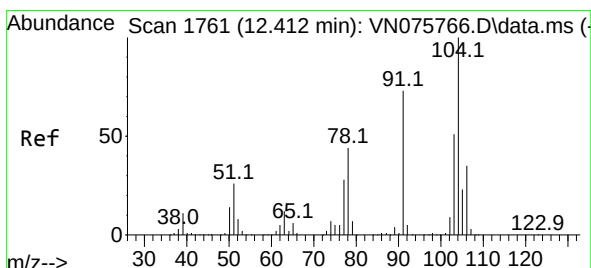
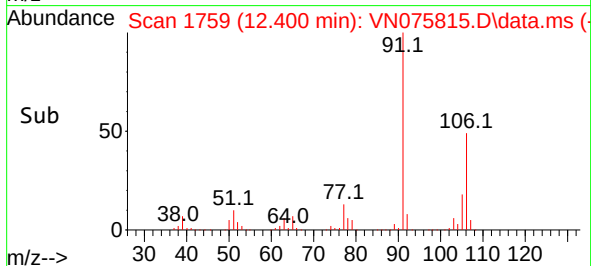
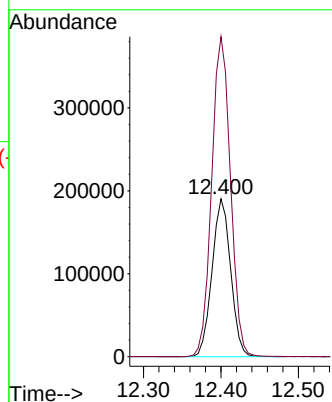
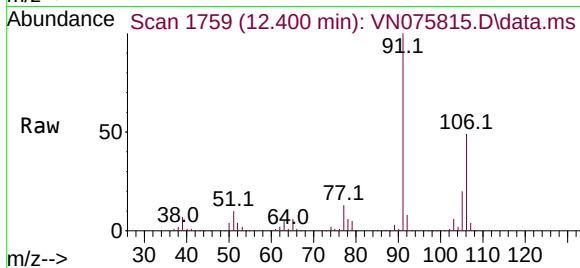
DUP120822DL

Tgt Ion:106 Resp: 317643

Ion Ratio Lower Upper

106 100

91 205.0 103.8 311.6



#70

Styrene

Concen: 1.442 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.012 min

Lab File: VN075815.D

Acq: 15 Dec 2022 14:11

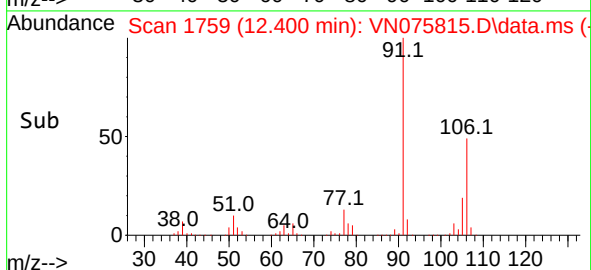
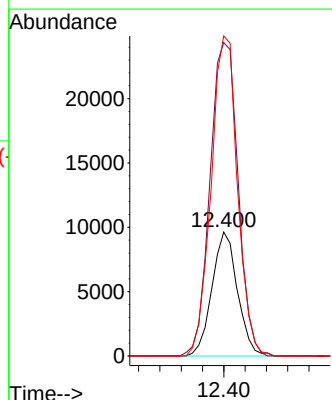
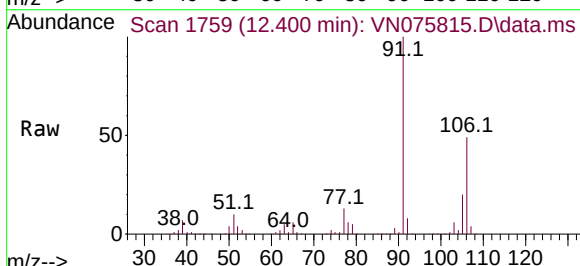
Tgt Ion:104 Resp: 15986

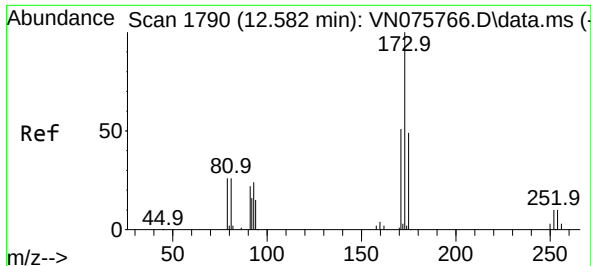
Ion Ratio Lower Upper

104 100

78 277.4 37.5 56.3#

103 267.0 43.5 65.3#

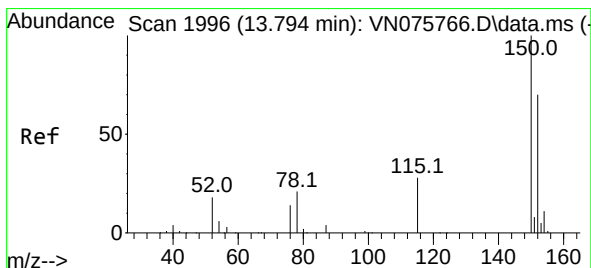
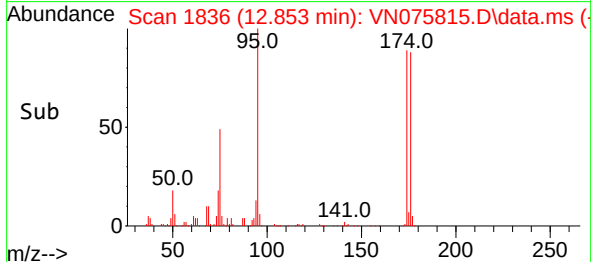
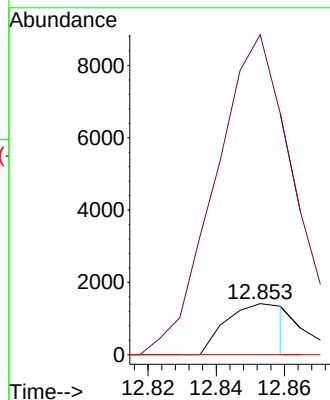
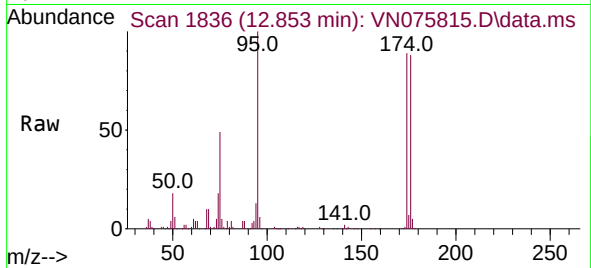




#71  
Bromoform  
Concen: 0.596 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.271 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

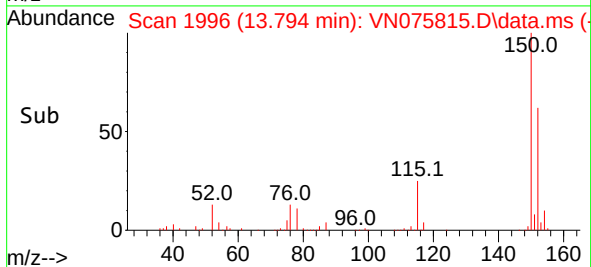
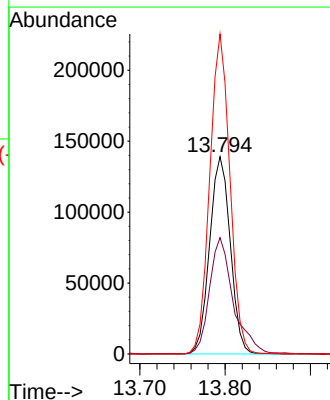
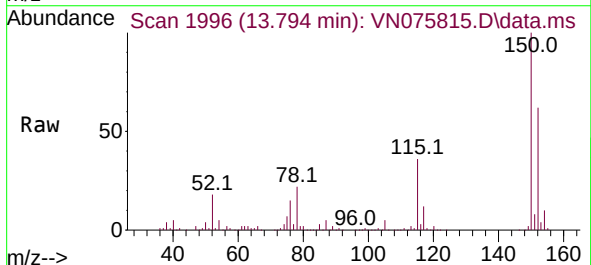
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

Tgt Ion:173 Resp: 1693  
Ion Ratio Lower Upper  
173 100  
175 698.3 24.3 72.8#  
254 0.0 0.0 0.0

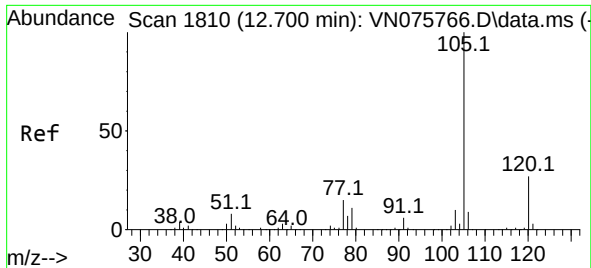


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion:152 Resp: 234261  
Ion Ratio Lower Upper  
152 100  
115 68.3 29.1 87.4  
150 158.0 0.0 347.0



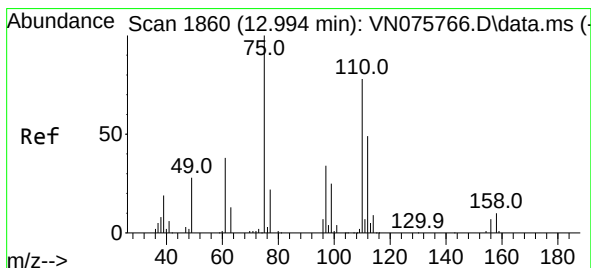
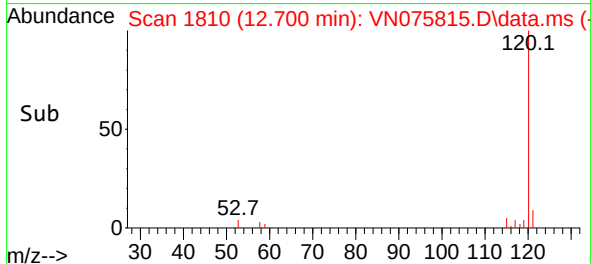
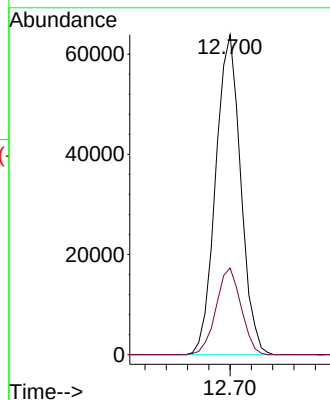
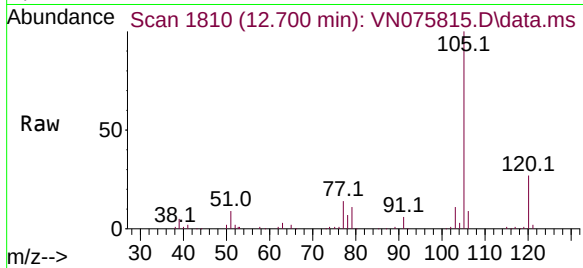




#73  
Isopropylbenzene  
Concen: 6.150 ug/l  
RT: 12.700 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

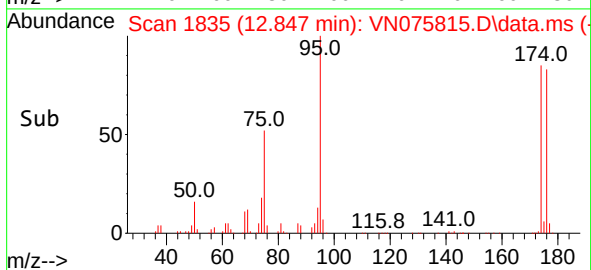
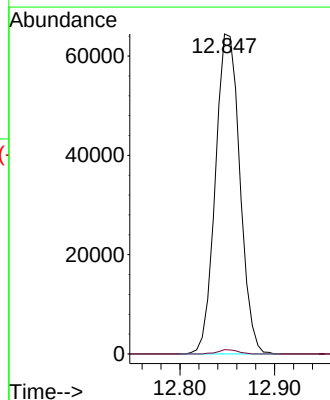
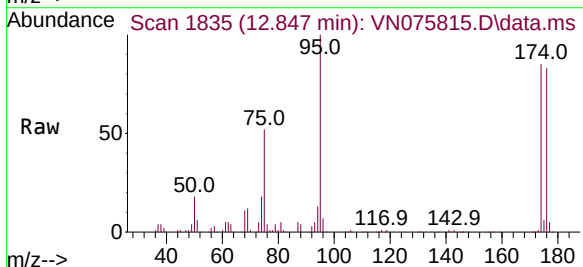
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

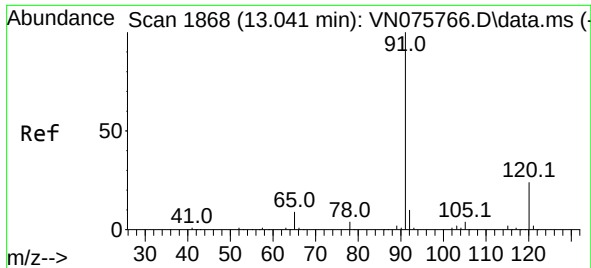
Tgt Ion:105 Resp: 104115  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#76  
1,2,3-Trichloropropane  
Concen: 24.516 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.147 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 75 Resp: 115767  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#

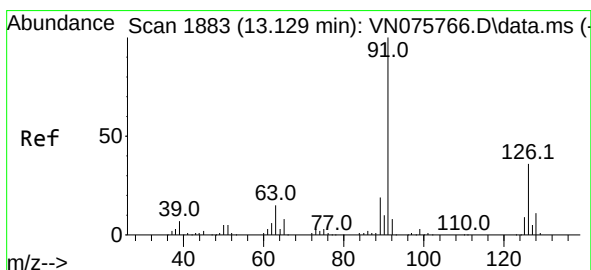
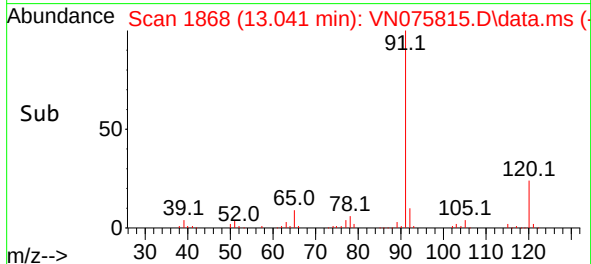
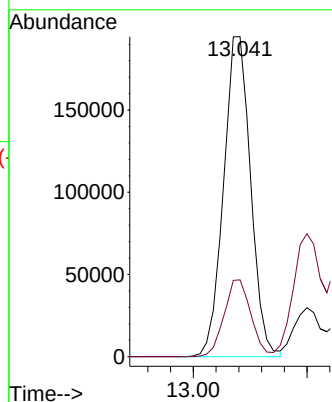
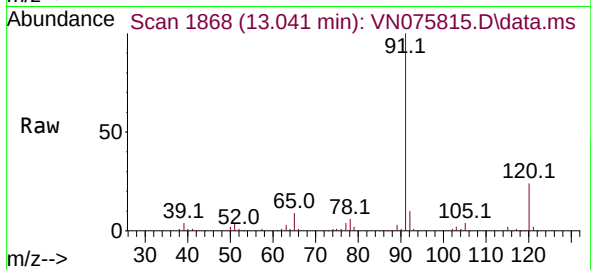




#78  
n-propylbenzene  
Concen: 17.234 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

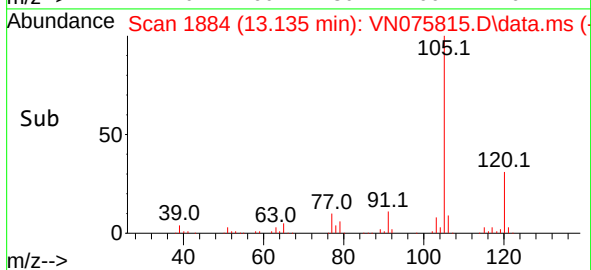
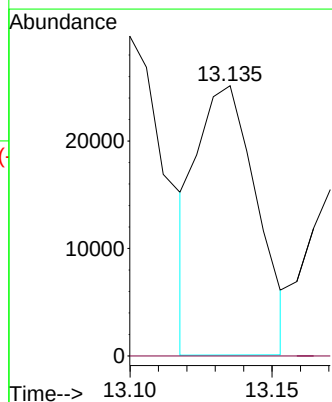
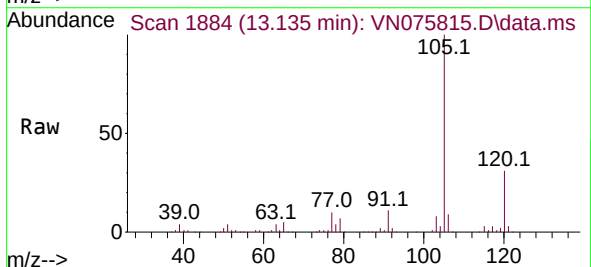
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

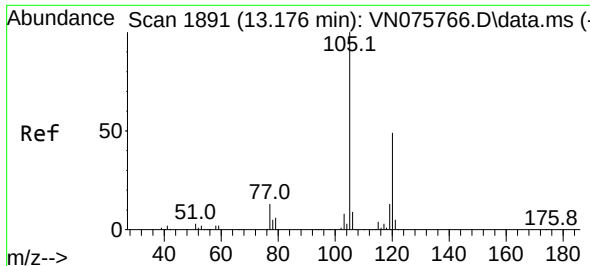
Tgt Ion: 91 Resp: 321785  
Ion Ratio Lower Upper  
91 100  
120 23.9 12.0 36.1



#79  
2-Chlorotoluene  
Concen: 3.156 ug/l  
RT: 13.135 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 91 Resp: 36787  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.5 52.5#

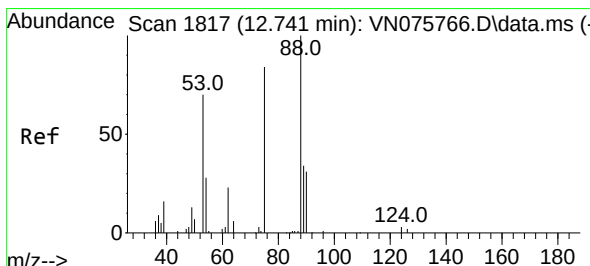
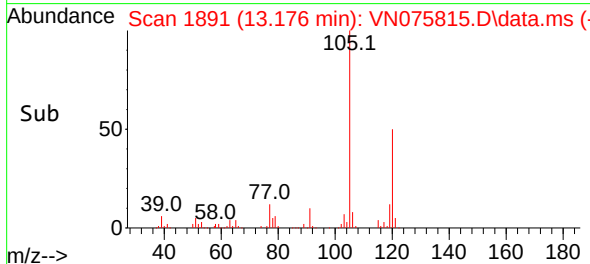
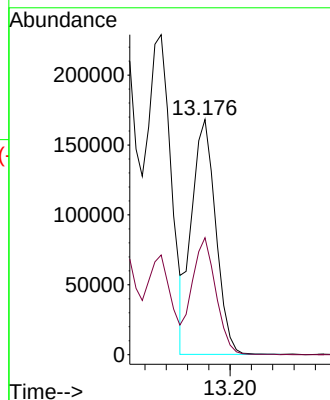
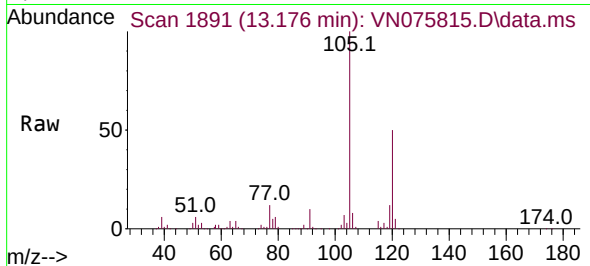




#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.599 ug/l  
 RT: 13.176 min Scan# 1891  
 Delta R.T. 0.000 min  
 Lab File: VN075815.D  
 Acq: 15 Dec 2022 14:11

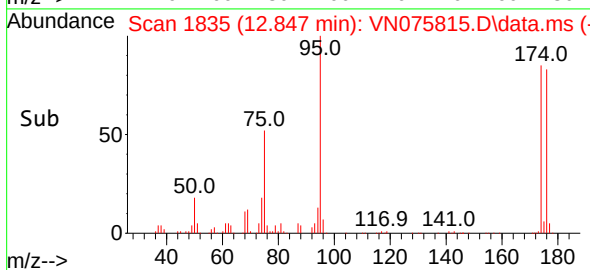
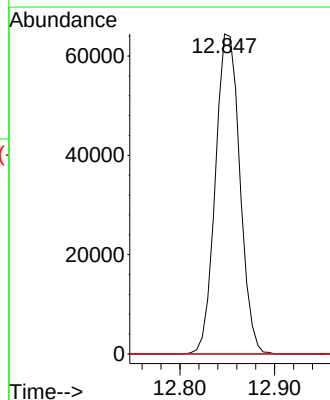
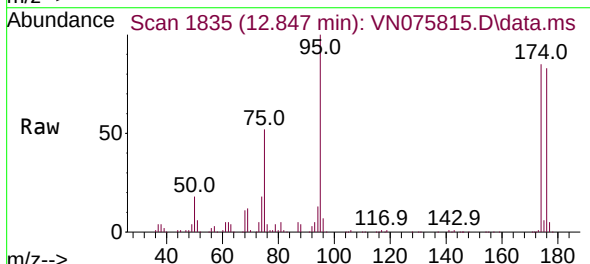
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP120822DL

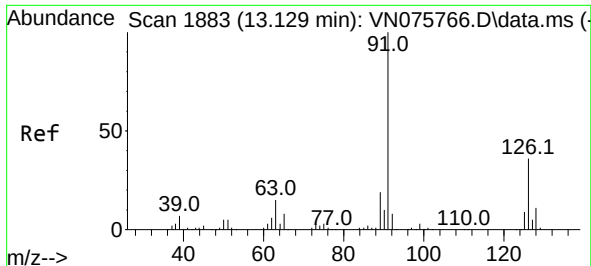
Tgt Ion:105 Resp: 263516  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 24.7 74.1



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 88.245 ug/l  
 RT: 12.847 min Scan# 1835  
 Delta R.T. 0.106 min  
 Lab File: VN075815.D  
 Acq: 15 Dec 2022 14:11

Tgt Ion: 75 Resp: 115767  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 73.8 110.6#  
 89 0.0 39.5 59.3#

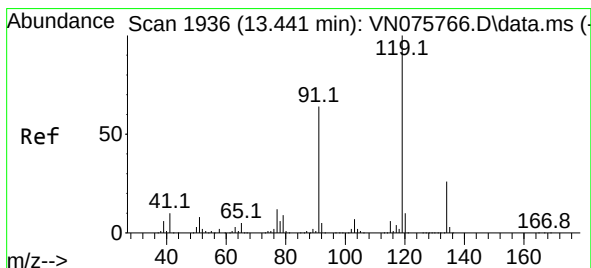
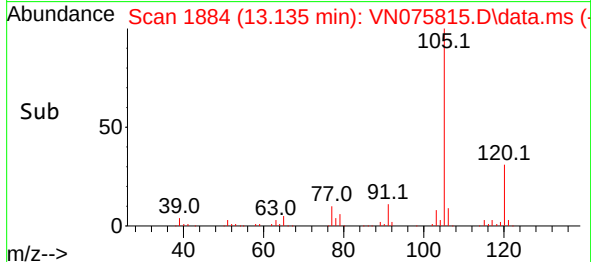
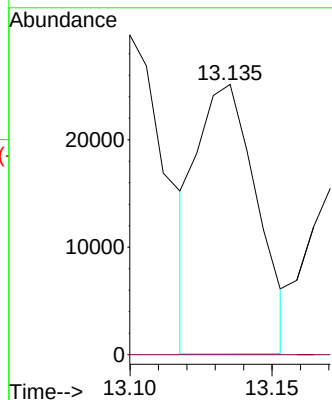
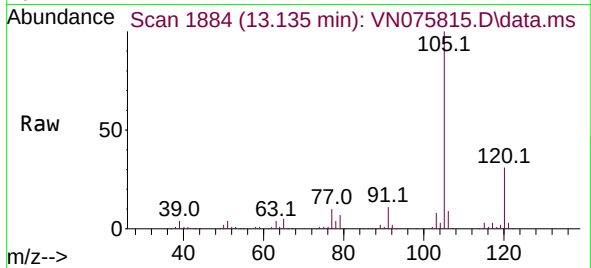




#82  
4-Chlorotoluene  
Concen: 3.156 ug/l  
RT: 13.135 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

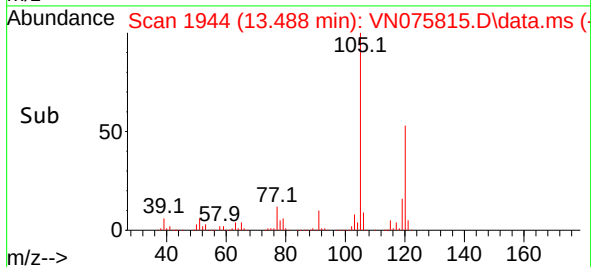
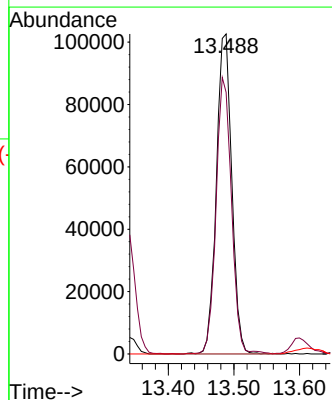
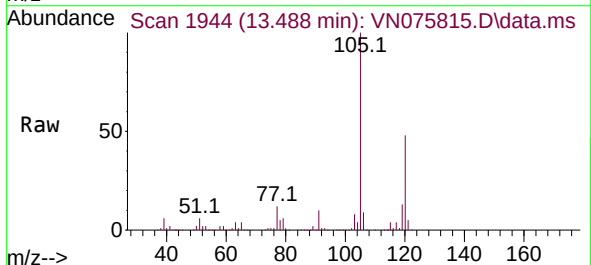
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

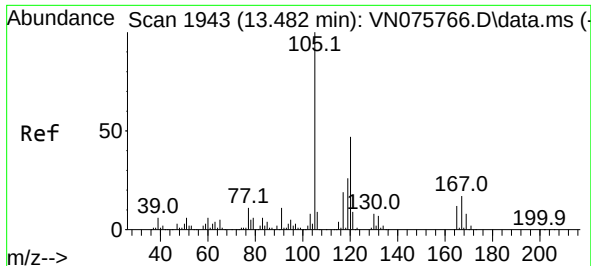
Tgt Ion: 91 Resp: 36787  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.5 52.5#



#83  
tert-Butylbenzene  
Concen: 13.354 ug/l  
RT: 13.488 min Scan# 1944  
Delta R.T. 0.047 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 119 Resp: 166824  
Ion Ratio Lower Upper  
119 100  
91 86.7 31.9 95.5  
134 0.0 13.8 41.4#

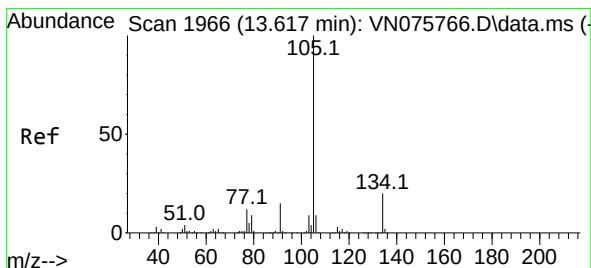
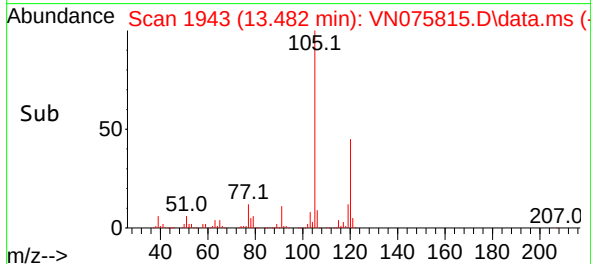
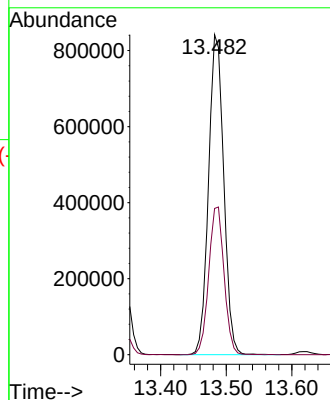
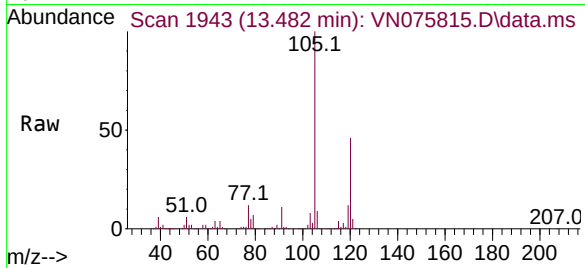




#84  
1,2,4-Trimethylbenzene  
Concen: 96.690 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

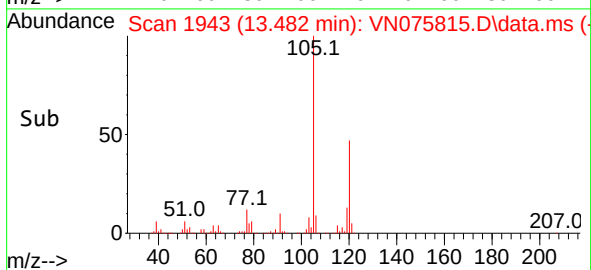
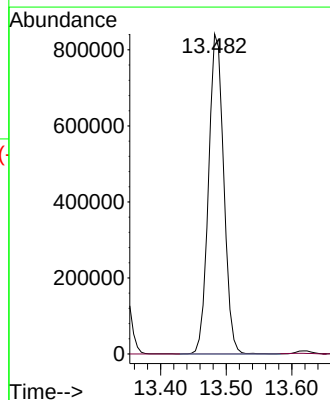
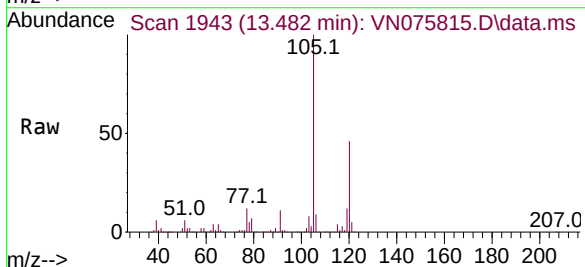
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

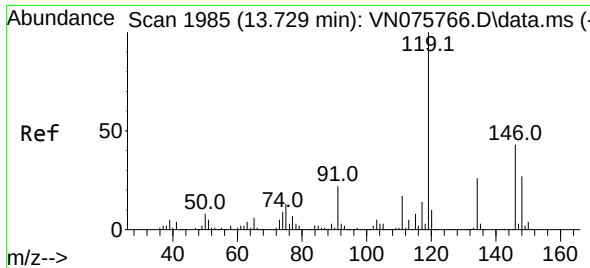
Tgt Ion:105 Resp: 1359051  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 78.822 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.135 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion:105 Resp: 1359051  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.1 30.1#

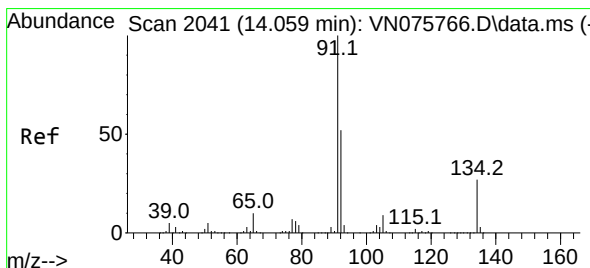
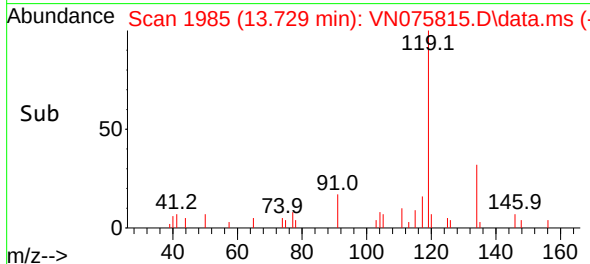
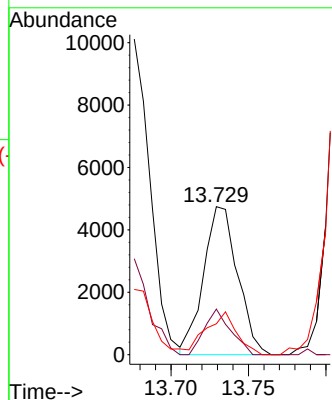
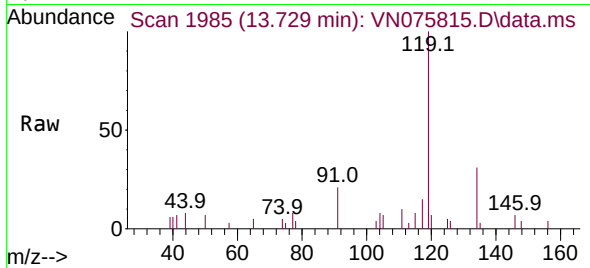




#86  
p-Isopropyltoluene  
Concen: 0.507 ug/l  
RT: 13.729 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

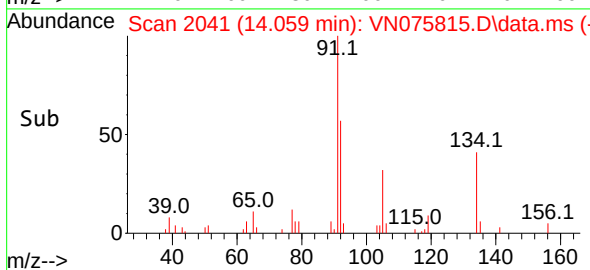
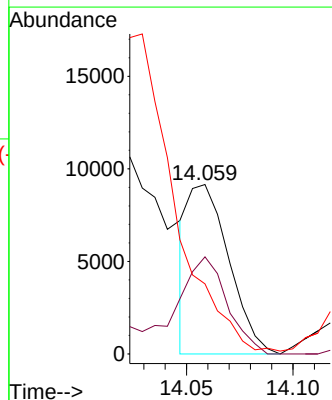
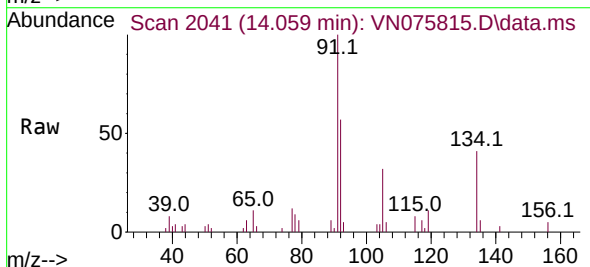
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

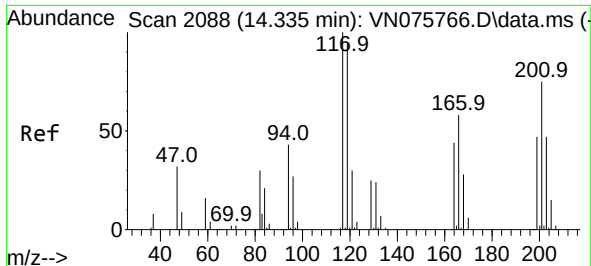
Tgt Ion:119 Resp: 7269  
Ion Ratio Lower Upper  
119 100  
134 23.7 13.0 39.0  
91 0.0 11.2 33.6#



#89  
n-Butylbenzene  
Concen: 1.042 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 91 Resp: 12109  
Ion Ratio Lower Upper  
91 100  
92 70.0 26.4 79.2  
134 0.0 13.4 40.2#

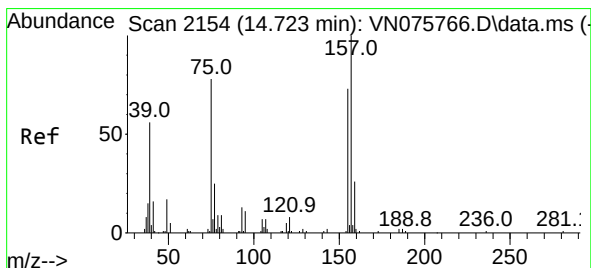
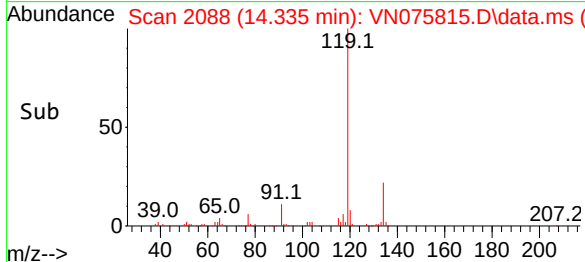
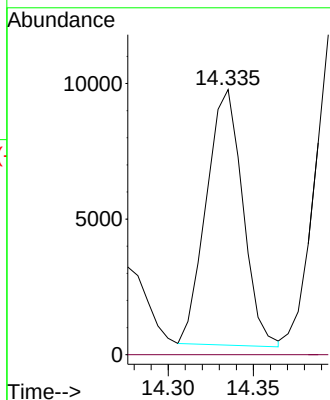
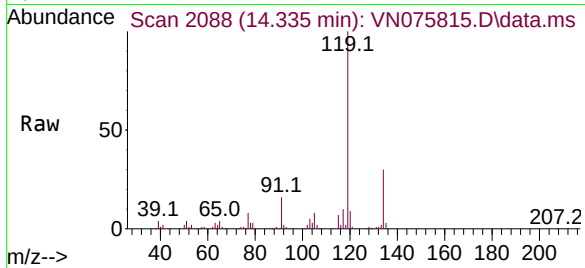




#90  
Hexachloroethane  
Concen: 5.463 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

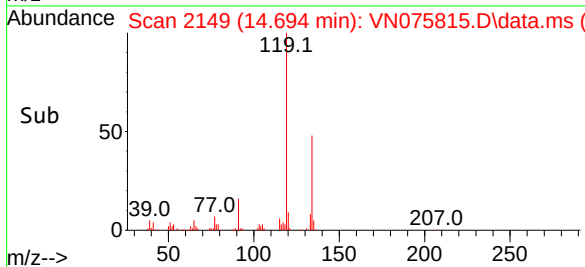
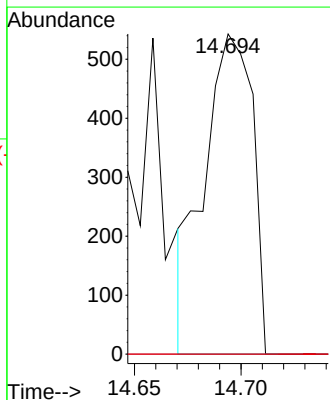
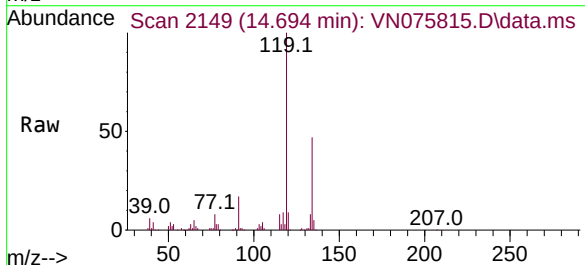
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP120822DL

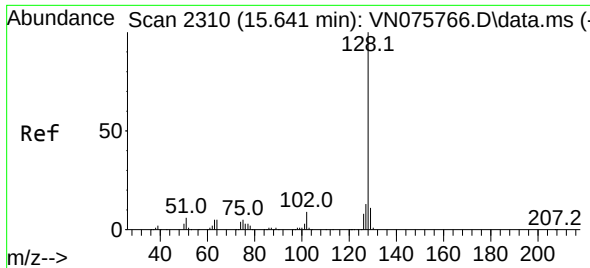
Tgt Ion:117 Resp: 14019  
Ion Ratio Lower Upper  
117 100  
201 0.0 38.0 114.1#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.925 ug/l  
RT: 14.694 min Scan# 2149  
Delta R.T. -0.029 min  
Lab File: VN075815.D  
Acq: 15 Dec 2022 14:11

Tgt Ion: 75 Resp: 859  
Ion Ratio Lower Upper  
75 100  
155 0.0 49.3 147.8#  
157 0.0 63.7 191.3#





#95

Naphthalene

Concen: 35.959 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075815.D

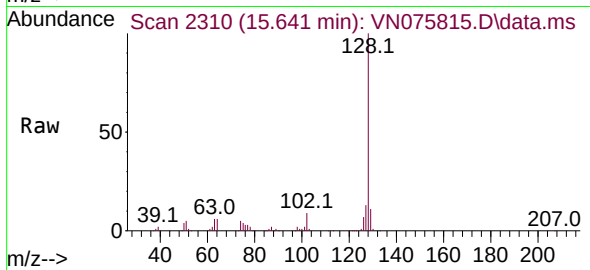
Acq: 15 Dec 2022 14:11

Instrument :

MSVOA\_N

ClientSampleId :

DUP120822DL



Tgt Ion:128 Resp: 450296

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.2 8.7 13.1

